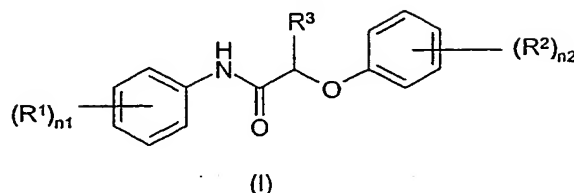


## CLAIMS

1. Compounds of the general formula (I)



in which:

- 5  $R^1$ , which may be identical or different, are chosen independently from -Hal, -O-Alk, -N(Alk)<sub>2</sub>, -NH-C(=O)-Alk, -O-C-Hal<sub>3</sub>, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHAlk, -C(=O)Hal, -C(=O)OAlk, -OH, -C(=O)-NH<sub>2</sub>, -C(=O)-NHAlk, -C(=O)-N(Alk)<sub>2</sub>, -NH-(C=O)-OAlk; -H, -CN, -Alk, -C(=O)Alk, -NAlk-C(O)-O-Alk and -NAlk<sub>2</sub>;

$n_1$  = integer between 1 and 5;

- 10  $R^2$ , which may be identical or different, are chosen independently from -X-(C=O)-Y-(A)<sub>n</sub> and -CN;

$n_2$  = integer between 1 and 5;

$n = 0$  when  $Y = \text{Hal}$ ;  $n = 1$  when  $Y = \text{O}$  or  $n = 2$  when  $Y = \text{N}$ ;

$X$  = bond or -Alk-;

- 15  $Y = -\text{O}-$ , -N - or Hal;

$A = -\text{H}$ , -Alk, -Alk-Ar, -Alk-Het, -Ar or -Het, Ar and Het optionally being substituted by Het or Hal;

$R^3 = -\text{H}$ , -Alk, -NAlk<sub>2</sub>, -NHAlk or -NH<sub>2</sub>

- 20 with the exception of the compounds for which:

- $R^2 = -\text{CN}$  in position 4 (4-CN),  $n_2 = 1$ ,
  - $R^3 = \text{H}$ ,  $n_1 = 2$  and  $R^1 = (2-\text{NHMe}, 5-\text{NO}_2)$ ; or
  - $R^3 = \text{Me}$ ,  $n_1 = 1$  and  $R^1 = -\text{NH}-(\text{C}=\text{O})-\text{O}-\text{Me}$ ;
- $R^2 = 4-(\text{COOH})$ ,  $n_2 = 1$ , and
  - 25 -  $R^3 = (\text{CH}_2)_{15}-\text{Me}$ ,  $n_1 = 4$ , and  $R^1 = (2-\text{OH}, 3,5\text{-diCl}, 4\text{-Et})$
  - $R^3 = \text{H}$ ,  $n_1 = 4$ , and  $R^1 = (2-\text{OH}, 3,5\text{-diCl}, 4\text{-Me})$
- $R^2 = 4-(\text{COOMe})$ ,  $n_2 = 1$ ,  $n_1 = 1$  and
  - $R^3 = \text{H}$ ,  $R^1 = 2-(\text{C}(\text{O})-\text{CH}_3)$

and also the addition salts thereof.

2. Compounds of the general formula (I) according to Claim 1, such that:  
 $R^1 = -\text{Hal}, -\text{O-Alk}, -\text{N(Alk)}_2, -\text{NH-C(=O)-Alk}, -\text{O-C-Hal}_3 \text{ or } -\text{NO}_2.$
- 5 3. Compounds according to Claim 1 or 2, in which  $n_1 = 1.$
4. Compounds according to any one of the preceding claims, in which:  
 $R^2 = -(\text{C=O})-\text{NH}_2, -\text{COOH}, -\text{COHal}, -(\text{C=O})-\text{OAlk}, -\text{CN}, -(\text{C=O})-\text{NH-Het},$   
 $-(\text{C=O})-\text{NH-Alk-Het}, -\text{Alk}-(\text{C=O})-\text{NH-Phe}, -\text{Alk}-(\text{C=O})-\text{NH-Het},$   
10  $-\text{Alk}-(\text{C=O})-\text{NH-Phe-Hal}, -\text{Alk}-(\text{C=O})-\text{NH-Phe-Het}.$
5. Compounds according to any one of the preceding claims, in which  $n_2 = 1.$
6. Compounds according to any one of the preceding claims, in which  $R^3 = -\text{H}$  or  
15  $-\text{Alk}.$
7. Compounds according to any one of the preceding claims in which  $R^1 = -\text{F},$   
 $-\text{Cl}, -\text{O-Me}, -\text{NMe}_2, -\text{NH-C(=O)-Me}, -\text{O-CF}_3 \text{ or } -\text{NO}_2.$
- 20 8. Compounds according to any one of the preceding claims, in which:  
 $R^2 = -\text{CN}, -\text{COOH}, -\text{COCl}, -(\text{C=O})-\text{OMe}, -(\text{C=O})-\text{OEt}, -(\text{C=O})-\text{NH}_2, -(\text{C=O})-\text{NH-Py},$   
 $-\text{CH}_2-(\text{C=O})-\text{NH-Py}, -(\text{C=O})-\text{NH}-(\text{CH}_2)_3-\text{Im}, -\text{CH}_2-(\text{C=O})-\text{NH-Phe},$   
 $-\text{CH}_2-(\text{C=O})-\text{NH-Phe-F} \text{ or } -\text{CH}_2-(\text{C=O})-\text{NH-Phe-Morph}.$
- 25 9. Compounds of the general formula (I) according to any one of the preceding claims, chosen from:  
4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}-N-pyridin-3-ylbenzamide  
methyl 4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoate  
4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoic acid  
30 4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoyl chloride  
2-(4-{2-[(4-fluorophenyl)amino]-2-oxoethyl}phenoxy)-N-2-methoxyphenylacetamide

2-(4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}phenyl)-N-4-morpholin-4-ylphenyl)-  
acetamide

2-[4-(2-anilino-2-oxoethyl)phenoxy]-N-(4-methoxyphenyl)acetamide

2-(4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}phenyl)-N-pyridin-3-ylethanamide

5 ethyl 4-{2-[(4-methoxyphenylamino)-2-oxoethoxy}benzoate

N-[3-(1h-imidazol-1-yl)propyl]-4-{2-[(methoxyphenyl)amino]-2-oxoethoxy}benzamide

methyl 4-{2-[(4-dimethylaminophenyl)amino]-2-oxoethoxy}benzoate

methyl 4-{2-[(4-N-acetylaminophenyl)amino]-2-oxoethoxy}benzoate

4-(2-oxo-2-{[4-(trifluoromethoxy)phenyl]amino}ethoxy)benzamide

10 2-(4-cyanophenoxy-N-[4-(trifluoromethoxy)phenyl]acetamide

4-{2-[(4-fluorophenyl)amino]-2-oxoethoxy}benzamide

4-{2-[(4-Nitrophenyl)amino]-2-oxoethoxy}(benzamide

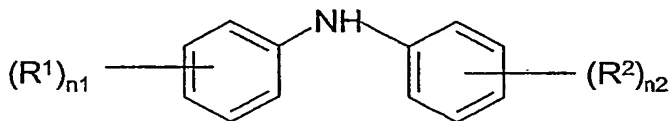
methyl 4-{2-[(3-chlorophenyl)amino]-2-oxoethoxy}benzoate

methyl 4-{2-[(4-fluorophenyl)amino]-2-oxoethoxy}benzoate

15 methyl 4-(1-{[(4-fluorophenyl)amino]carbonyl}propoxy)benzoate

and also the addition salts thereof.

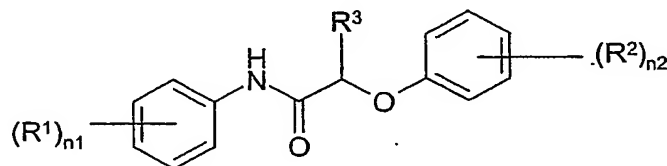
10. Process for the preparation of the compounds of the general formula



(II)

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characterized in that a Smiles rearrangement is performed, starting with the compounds of the general formula (I)



(I)

in which, in the general formulae (I) and (II):

$R^1$ , which may be identical or different, are chosen independently from -Hal, -O-Alk, -N(Alk)<sub>2</sub>, -NH-C(=O)-Alk, -O-C-Hal<sub>3</sub>, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHAlk, -COOH, -C(=O)Hal, -C(=O)OAlk, -OH, -C(=O)-NH<sub>2</sub>, -C(=O)-NHAlk, -C(=O)-N(Alk)<sub>2</sub>, -N-(C=O)-OAlk; -H, -CN, -Alk, -C(=O)Alk, -NAlk-CO-OAlk and -NAlk<sub>2</sub>,

5  $n_1$  = integer between 1 and 5;

$R^2$ , which may be identical or different, are chosen independently from -X-(C=O)-Y-(A)<sub>n</sub> and -CN;

$n_2$  = integer between 1 and 5;

$n = 0$  when  $Y = \text{Hal}$ ;  $n = 1$  when  $Y = \text{O}$  or  $n = 2$  when  $Y = \text{N}$ ;

10  $X$  = bond or -Alk-;

$Y = -\text{O}-$ , -N - or Hal;

$A = -\text{H}$ , -Alk, -Alk-Ar, -Alk-Het, -Ar or -Het, Ar and Het optionally being substituted by Het or Hal;

$R^3 = -\text{H}$ , -Alk, -NAlk<sub>2</sub>, -NHAlk or -NH<sub>2</sub>.

15

11. Process according to Claim 10, for which, in the general formulae (I) and (II),

$R^1 = -\text{Hal}$ , -O-Alk, -N(Alk)<sub>2</sub>, -NH-C(=O)-Alk, -O-C-Hal<sub>3</sub> or -NO<sub>2</sub>;

$n_1 = 1$ ;

$R^2 = -(\text{C}=\text{O})-\text{NH}_2$ , -COOH, -COHal, -(\text{C}=\text{O})-OAlk, -CN, -(\text{C}=\text{O})-NH-Het,

20 -(\text{C}=\text{O})-NH-Alk-Het, -Alk-(\text{C}=\text{O})-NH-Phe, -Alk-(\text{C}=\text{O})-NH-Het,

-Alk-(\text{C}=\text{O})-NH-Phe-Hal or -Alk-(\text{C}=\text{O})-NH-Phe-Het,

$n_2 = 1$ ;

$R^3 = -\text{H}$  or -Alk.

25 12. Process according to Claim 10 or 11, for which, in the general formulae (I) and (II),

$R^1 = -\text{F}$ , -Cl, -O-Me, -NMe<sub>2</sub>, -NH-C(=O)-Me, -O-CF<sub>3</sub> or -NO<sub>2</sub>,

$n_1 = 1$ ;

$R^2 = -\text{CN}$ , -COOH, -COCl, -(\text{C}=\text{O})-OMe, -(\text{C}=\text{O})-OEt, -(\text{C}=\text{O})-NH<sub>2</sub>, -(\text{C}=\text{O})-NH-Py,

30 -CH<sub>2</sub>-(\text{C}=\text{O})-NH-Py, -(\text{C}=\text{O})-NH-(CH<sub>2</sub>)<sub>3</sub>-Im, -CH<sub>2</sub>-(\text{C}=\text{O})-NH-Phe,

-CH<sub>2</sub>-(\text{C}=\text{O})-NH-Phe-F or -CH<sub>2</sub>-(\text{C}=\text{O})-NH-Phe-Morph,

$n_2 = 1$ ;

R<sup>3</sup> = -H or Et

13. Process according to any one of Claims 10 to 12, for which the compounds of the general formula (I) are chosen from:

- 5 4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}-N-pyridin-3-ylbenzamide  
methyl 4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoate  
4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoic acid  
4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoyl chloride  
2-(4-{2-[(4-fluorophenyl)amino]-2-oxoethyl}phenoxy)-N-2-methoxyphenylacetamide
- 10 2-(4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}phenyl)-N-4-morpholin-4-ylphenylacetamide  
2-[4-(2-anilino-2-oxoethyl)phenoxy]-N-(4-methoxyphenyl)acetamide  
2-(4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}phenyl)-N-pyridin-3-ylethanamide  
ethyl 4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzoate
- 15 N-[3-(1H-imidazol-1-yl)propyl]-4-{2-[(4-methoxyphenyl)amino]-2-oxoethoxy}benzamide  
methyl 4-{2-[(4-dimethylaminophenyl)amino]-2-oxoethoxy}benzoate  
methyl 4-{2-[(4-N-acetylaminophenyl)amino]-2-oxoethoxy}benzoate  
4-(2-oxo-2-{[4-(trifluoromethoxy)phenyl]amino}ethoxy)benzamide  
2-(4-cyanophenoxy-N-[4-(trifluoromethoxy)phenyl]acetamide
- 20 4-{2-[(4-fluorophenyl)amino]-2-oxoethoxy}benzamide  
4-{2-[(4-Nitrophenyl)amino]-2-oxoethoxy}benzamide  
methyl 4-{2-[(3-chlorophenyl)amino]-2-oxoethoxy}benzoate  
methyl 4-{2-[(4-fluorophenyl)amino]-2-oxoethoxy}benzoate  
methyl 4-(1-{[(4-fluorophenyl)amino]carbonyl}propoxy)benzoate
- 25 and also the addition salts thereof.

14. Process according to any one of Claims 10 to 13, which is performed in basic medium, in a suitable solvent, with stirring and at reflux.

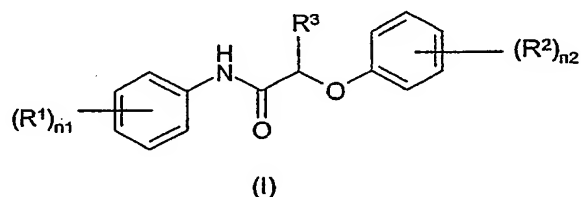
- 30 15. Process according to Claim 14, for which the base is chosen from sodium hydroxide, potassium hydroxide and potassium carbonate.

16. Process according to Claim 14 or 15, for which the solvent is chosen from amides.

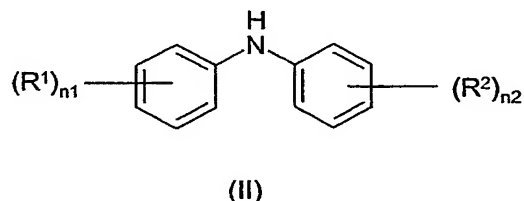
17. Process according to any one of Claims 14 to 16, which is performed at between 70 and 160°C.

18. Process according to any one of Claims 5 to 12, for which the compound of the general formula (II) is obtained by using the compounds of the general formulae (III) and (IV), as defined according to any one of Claims 21 to 24, without isolation of the intermediate compound (I) formed.

19. Use of the compounds of the general formula (I)

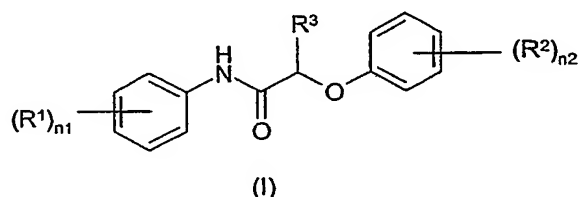


for the preparation of compounds of the general formula (II):

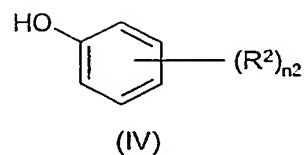
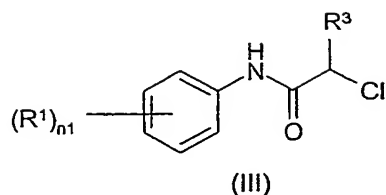


in which R¹, R², R³, n1 and n2 are as defined in Claims 10 to 12.

20. Process for the preparation of the compounds of the general formula (I)



characterized in that the compounds of the general formulae (III) and (IV) are used:



in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $n_1$  and  $n_2$  are as defined in Claims 10 to 12,

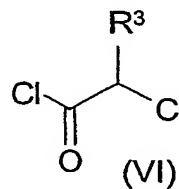
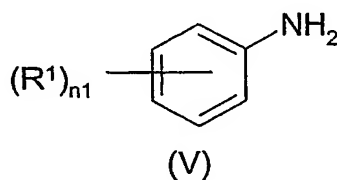
and for which the process is performed in basic medium, in a suitable solvent, with stirring and at reflux.

21. Process according to Claim 20, for which the base is chosen from sodium hydroxide, potassium hydroxide and potassium carbonate.

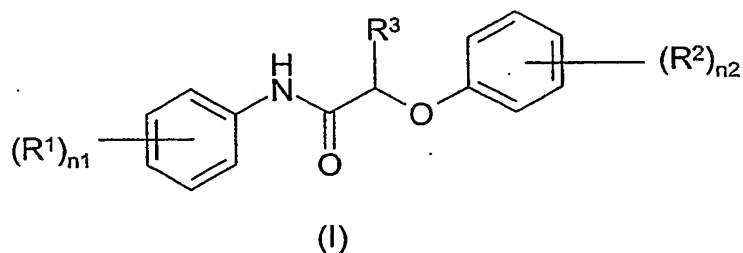
22. Process according to Claim 21, for which the solvent is chosen from amides.

23. Process according to either of Claims 21 and 22, which is performed at a temperature of between room temperature and 130°C.

24. Process according to any one of Claims 21 to 23, for which the compound of the general formula (III) is obtained by using the compounds of the general formulae (V) and (VI):



25. Compounds of the general formula (I)



in which  $R^1$ ,  $R^2$ ,  $R^3$ ,  $n_1$  and  $n_2$  are as defined in Claims 10 to 12,

which can be obtained via the process according to any one of Claims 21 to 24.